Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 10 Jun 2023 until 23:59 on Sunday 11 Jun 2023

Forecast Issued on Saturday 10 Jun 2023 at 04:30

Confidence: High for main theme of hotter but potentially stormy conditions, but low for shower and thunderstorm detail.

Headline for Saturday 10 Jun 2023: Very warm, mainly dry and sunny.

Mountain weather hazards on Saturday 10 Jun 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny	Sunny intervals	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	20%	20%

Forecast for Saturday 10 Jun 2023

Weather: Extensive low cloud across eastern areas of the Yorkshire Dales will burn away this morning, probably more readily than of late. This will leave sunny periods this morning, with the UV index becoming very high. This afternoon cloud will gradually increase, but still bright or sunny periods will occur. There is a small chance of isolated very heavy showers or thunderstorms developing, most likely across western areas, with a risk of localised gusty winds and hail. This evening the chance of isolated showers or thunderstorms will continue.

Chance of cloud-free hill tops above 600m: 20% in the east at first, becoming generally greater than 90%.

Low Cloud and visibility: Areas of cloud down to 300m in the east at first, gradually clearing. Visibility generally very good, but very marked localised deterioration in any heavy showers, hail and hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 10 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 NE	16/21 E	18/25 E	19/27 E	16/24 E	14/24 E	13/23 E
300	10/21 NE	9/16 NE	13/24 E	15/28 E	12/24 E	7/20 E	7/17 E
Valley	6/12 E	9/19 E	15/27 E	13/26 E	12/24 SE	12/27 E	12/27 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	14/11	18/14	21/16	19/15	15/12	14/11
300	12/10	19/17	23/21	25/22	22/20	17/16	14/13
Valley	17/16	22/20	25/22	26/24	24/22	20/17	17/15
Freezing Level*	2600m	2800m	2900m	2900m	3000m	3000m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The very high UV levels, high temperatures and humidity will lead to the need for sun protection and a risk of dehydration. Any thunderstorms give a risk of more variable winds than shown, with strengths perhaps to around 40mph, along with localised slippery conditions and runoff with the downpours.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 10 Jun 2023	0mm	0mm	0mm

Forecast for Sunday 11 Jun 2023

Weather: Any remaining thundery showers die away through the early hours to leave the Yorkshire Dales largely dry by dawn, but cloudier than of late, with some ragged low cloud around. Probably bright rather than sunny through the morning, with rising temperatures again sparking the risk of further very heavy, slow-moving thundery showers with hail and gusty winds in places. These are likely to continue early in the evening, then easing late evening.

Maximum wind: 20mph, mainly easterly, but some variability given showers.

Chance of cloud-free hill tops above 600m: 90%.

Low Cloud and visibility: Some low cloud to around 400m and perhaps some valley mist, tending to clear into daybreak.

Temperature: **Valleys:** Plus 13 becoming plus 25 Celsius.
At 600m: Plus 19 Celsius.
Freezing level: Well above the peaks.

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